

L24 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:319977 CAPLUS
 DN 138:322145
 TI Thermoplastic molding compositions based on aromatic polyether-polysulfones and polyamides
 IN Weber, Martin; Charoensirisomboon, Piyada
 PA BASF Aktiengesellschaft, Germany
 SO PCT Int. Appl., 42 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 PAN.CNT 1

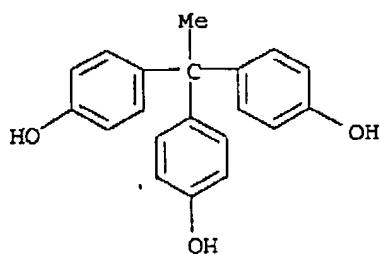
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003033594	A1	20030424	WO 2002-EP10959	20020930
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, C2, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	DE 10149870	A1	20030424	DE 2001-10149870	20011010
AB	The title compns., with good compatibility even when decreased amts. of anhydride-based compatibilizers are used, contain aromatic polyether-polysulfones 1-98.5, thermoplastic polyamides 1-98.5, aromatic polyether-polysulfones containing 0.01-10% units bearing ≥3 OH or halogen groups and anhydride groups 0.5-30% and, optionally, fillers, impact modifiers, and other additives. A polyether-polysulfone (I) was prepared by condensing bis(4-chlorophenyl) sulfone 274.65, bisphenol A 221.43, 1,1,1-tris(4-hydroxyphenyl)ethane 6.12, and 4-fluorophthalic anhydride 56.52 g in N-methylpyrrolidone containing K2CO3 at 190°. A blend of polyether-polysulfone (Ultrason S 2010) 15, nylon-6 80, and I 5% had Vicat B temperature 192°, impact strength 391 kJ/m ² , notched impact strength 4.8 kJ/m ² , and melt index (260°/5 kg) 73 mL/10 min.				
IT	514826-98-3D, reaction products with fluorophthalic anhydride				
	RL: POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); USES (Uses)				
	(thermoplastic molding compns. based on aromatic polyether-polysulfones and polyamides)				
RN	514826-98-3 CAPLUS				
CN	Phenol, 4,4',4''-ethylenetrakis-, polymer with 4,4'-(1-methylethyldene)bis[phenol] and 1,1'-sulfonylbis[4-chlorobenzene] (9CI) (CA INDEX NAME)				
CM	1				
CRN	27955-94-8				
CMF	C20 H18 O3				

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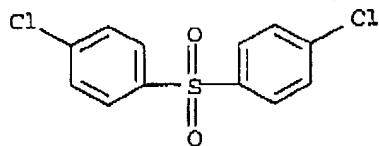
T-435 P.010/019 F-164



CM 2

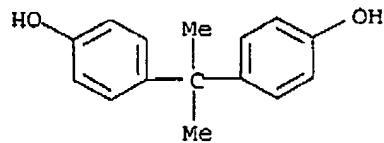
CRN 80-07-9

CMF C12 H8 Cl2 O2 S



CRN 80-05-7

CMF C15 H16 O2



RE.CNT 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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